



Chemistry Support Research Student

Research Division
Winter Term 2027

About Us

SNOLAB is an international facility for world-class underground physics research and has an expanding program in astroparticle physics and underground science. Located in an air-conditioned clean room 2 km underground in the Vale Creighton Mine near Sudbury Ontario, with a suite of surface facilities and laboratories, SNOLAB is currently preparing for the next generation of experiments focusing on neutrino studies and the search for galactic dark matter.

The Position

The Chemistry Support Research Student will support routine laboratory operations, quality assurance activities, and ICP-MS-related laboratory work. The position will focus on contamination and background control, process control, laboratory cleaning, quality assurance testing, and sample preparation support.

- Prepare high-purity acids, cleaning solutions, and samples for testing
- Support operation of the acid distillation unit under supervision
- Follow contamination control best practices within a Class 2000 clean lab environment.
- Support quality control and quality assurance protocols, including use of control charts and reviewing historical data to monitor instrumental and method trends
- Support ICP-MS background and contamination management through routine cleaning and QA testing of approved laboratory equipment, sample containers, and sample introduction components.
- Assist with sample preparation, including labelling, dilution, organization, storage and disposal, under supervision of laboratory staff.
- Support ICP-MS workflows before and after instrumental analysis.
- Perform routine measurements using instruments such as UV-Vis spectrometers, turbidity meters, and conductivity meters.
- Record laboratory measurements, observations, cleaning activities, and quality control results accurately.
- Follow laboratory safety, chemical handling, waste disposal, and contamination control procedures.
- Support general laboratory activities and other related duties as assigned.



📍 Creighton Mine #9, 1039 Regional Road 24, Lively, ON P3Y1N2
☎ 705.692.7000 🌐 www.snolab.ca

University of Alberta | Carleton University | Laurentian University | Université de Montréal | Queen's University

Criteria

Education:

Preference will be given to students currently enrolled in an undergraduate chemistry program, chemical engineering technology program, or a closely related field.

Must be 18 years or older, registered in post-secondary studies at an accredited institution or apprenticeship program, recent graduate (having graduated in the last 3-6 months) or individual returning to full-time or part-time studies in the next academic term.

Experience:

- Experience in a chemical laboratory using wet lab techniques such as solution preparation, use of volumetric pipettes and analytical balances, and filtration.
- Familiarity with safe handling of chemicals, especially acids and solvents.
- Experience following written instructions or standard operating procedures in a lab setting
- Practice with accurate record keeping (lab notebooks, reports, and data entry)
- Prior lab or research experience outside of course-work is preferred but not required
- Exposure to basic data analysis and trend monitoring tools (e.g. Excel, spreadsheets, or graphing software)
- Familiar with the basic principles of analytical instrumentation including ICP-MS, UV-Vis Spectrometers, pH meter, turbidity meter, and density meter is an asset.

Salary Range

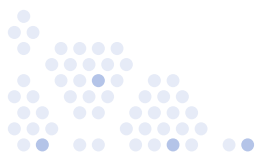
Salary will be determined by education and qualifications within a 20-25 \$/hr range. These positions are subject to availability of funding. To meet operational needs, shift work may be required.

To Apply

Applications must be submitted to studentjobs@snolab.ca. **Please do not fax or mail your applications.** By applying to the e-mail address, your application becomes available to the hiring Manager immediately. Interested students should include a cover letter and resume.

Closing Date

October 1, 2026



📍 Creighton Mine #9, 1039 Regional Road 24, Lively, ON P3Y1N2
☎ 705.692.7000 🌐 www.snolab.ca

University of Alberta | Carleton University | Laurentian University | Université de Montréal | Queen's University

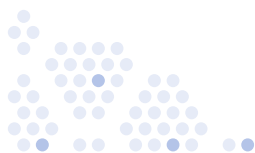
The posting will remain open until the position is filled, but review of applications will commence on October 2, 2027. SNOLAB thanks all applicants for their interest, however, only those students considered for an interview will be contacted.

SNOLAB is committed to equity in employment and encourage applications from all qualified applicants, including women, Indigenous persons, members of visible minorities and persons with disabilities. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.

SNOLAB will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs.

Further information about SNOLAB may be found at www.snolab.ca

Posting Date: September 11, 2026



📍 Creighton Mine #9, 1039 Regional Road 24, Lively, ON P3Y1N2
📞 705.692.7000 🖱️ www.snolab.ca

University of Alberta | Carleton University | Laurentian University | Université de Montréal | Queen's University